AUTODOC CLUB

How to change spark plugs on **Audi A4 B7** – replacement guide





VIDEO TUTORIAL



Important!

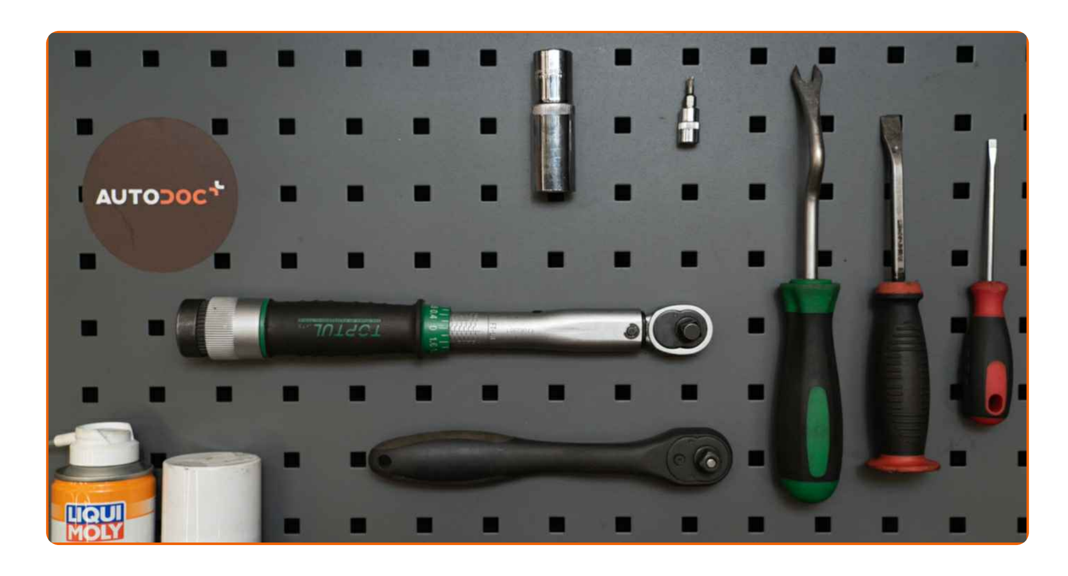
This replacement procedure can be used for:
AUDI TT Coupe (8J3) 2.0 TFSI, AUDI TT Coupe (8J3) 2.0 TFSI quattro, AUDI TT Roadster (8J9) 2.0 TFSI, AUDI TT Roadster (8J9) 2.0 TFSI quattro, AUDI A6 Saloon (4G2, 4GC, C7) 2.0 TFSI, AUDI Q5 (8RB) 2.0 TFSI hybrid quattro, AUDI A6 Avant (4G5, 4GD, C7) 2.0 TFSI, AUDI Q3 (8UB, 8UG) 2.0 TFSI quattro, AUDI A5 Convertible (8F7) 1.8 TFSI, AUDI A6 Saloon (4G2, 4GC, C7) 2.0 TFSI hybrid, AUDI A8 (4H2, 4H8, 4HC, 4HL) 2.0 TFSI hybrid, AUDI A3 Sportback (8PA) 2.0 TFSI, AUDI A3 Sportback (8PA) 2.0 TFSI quattro, AUDI A3 Hatchback (8P1) 2.0 TFSI, AUDI A3 Hatchback (8P1) 2.0 TFSI quattro, (+ 45)

The steps may slightly vary depending on the car design.





REPLACEMENT: SPARK PLUGS – AUDI A4 B7. LIST OF THE TOOLS YOU'LL NEED:



- Electronic spray
- High-temperature anti-seize lubricant
- Torque wrench
- Torx bit T20
- Spark plug socket # 16
- Ratchet wrench
- Flat Screwdriver
- Clip removal tool
- Crow bar
- Fender cover

BUY TOOLS



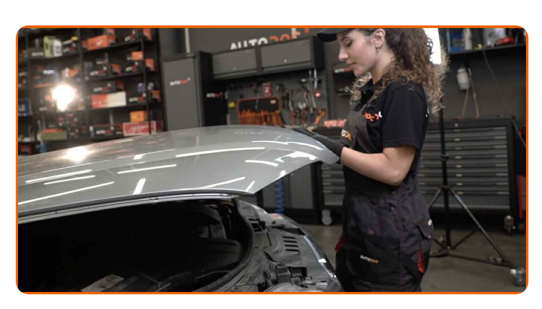


Replacement: spark plugs – Audi A4 B7. AUTODOC experts recommend:

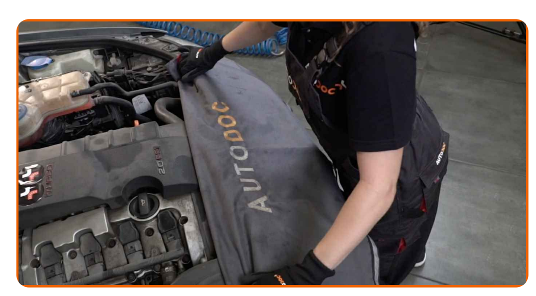
- The replacement procedure is the same for all spark plugs.
- All work should be done with the engine stopped.

REPLACEMENT: SPARK PLUGS – AUDI A4 B7. RECOMMENDED SEQUENCE OF STEPS:

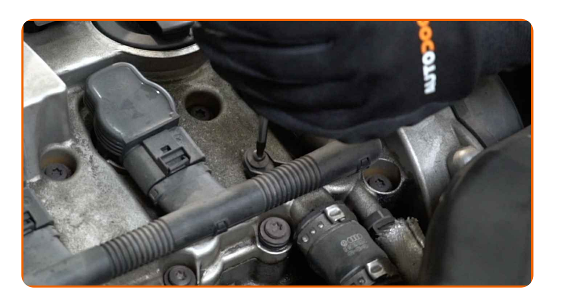
1 Open the bonnet.



2 Use a fender protection cover to prevent damaging paintwork and plastic parts of the car.



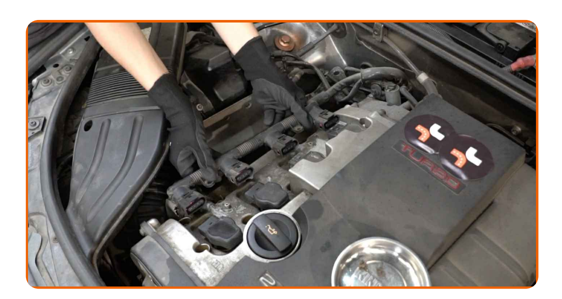
3 Unscrew the fasteners of the ignition coil harness retainer. Use Torx T20. Use a ratchet wrench.



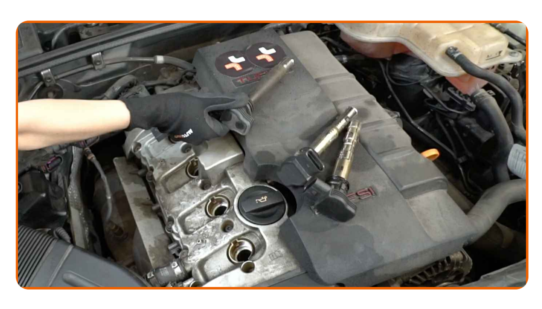




4 Unplug the connectors from the ignition coils. Use a flat screwdriver.



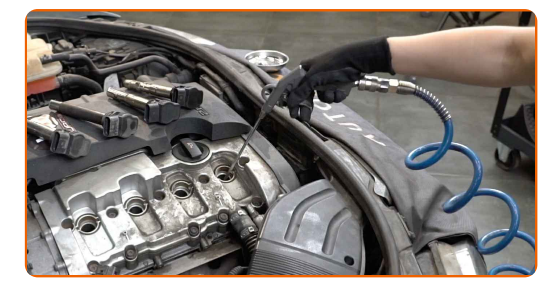
5 Take out the ignition coil from the spark plug well. Use a clip removal tool. Use a crowbar.



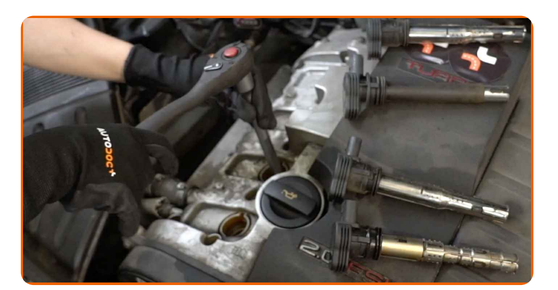
Replacement: spark plugs – Audi A4 B7. Tip:

- Remember the sequence of steps for ignition coil demounting.

6 Clean dirt, dust and debris from inside the spark plug wells.



7 Unscrew the spark plugs. Use the spark plug socket #16. Use a ratchet wrench.



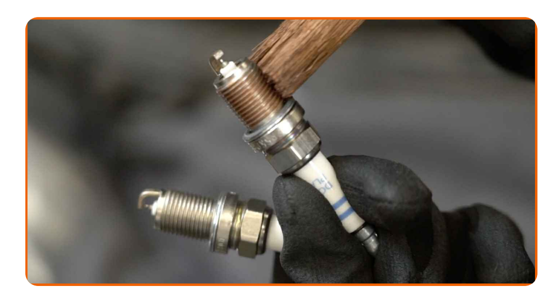




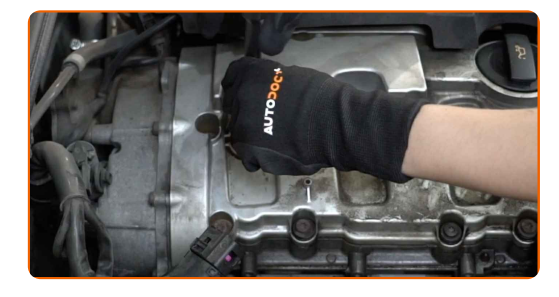
8 Take out the spark plugs. Use the spark plug socket #16.



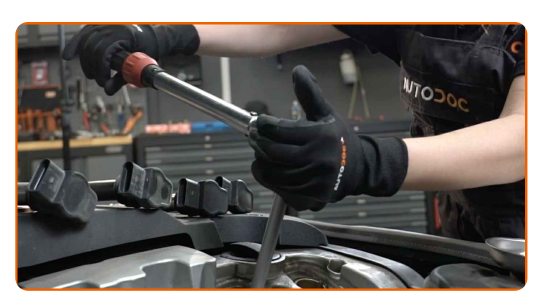
9 Apply a thin layer of a special high temperature anti-seize lubricant to the threads of the new spark plugs.



10 Install the new spark plugs into their mounting seats. Use the spark plug socket #16.



11 Screw new spark plugs and tighten them. Use the spark plug socket #16. Use a torque wrench. Tighten it to 27 nm torque.





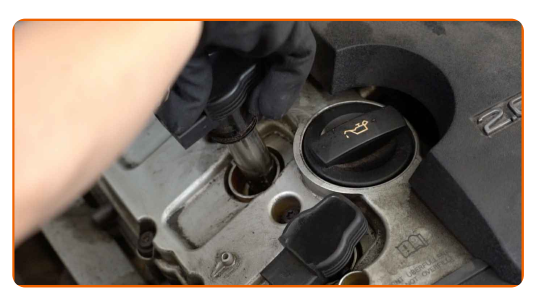


Replacement: spark plugs – Audi A4 B7. AUTODOC experts recommend:

- Don't tighten the plugs with excessive force. Exceeding tightening torque can damage the thread connection.
- Be careful when working with a spark plug wrench. Its skewing can cause damage to the threaded connection.



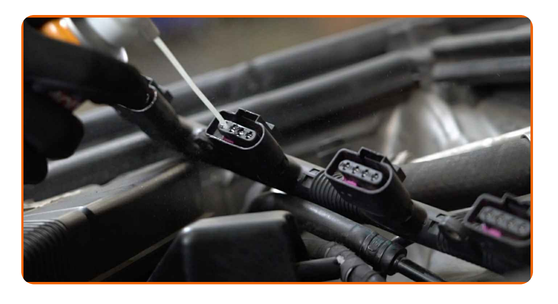
12 Install the ignition coils to the spark plug wells. Make sure you hear a click indicating that it is locked in place.



AUTODOC recommends:

- Replacement: spark plugs – Audi A4 B7. Follow the installation steps.

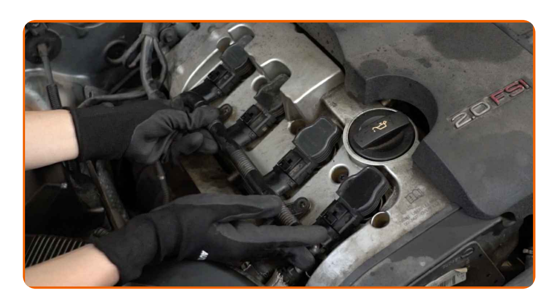
13 Treat the ignition coil connector with electronic spray. The spray will protect the electrical contacts from corrosion, oxidation, and will reduce the contact resistance.



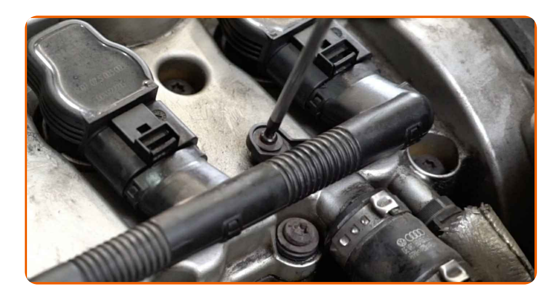




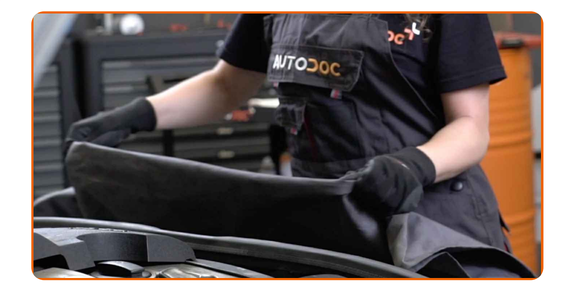
14 Plug in the connectors of the ignition coils.



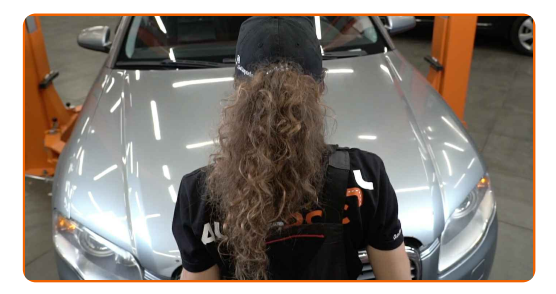
15 Screw in the fasteners of the ignition coil harness retainer. Use Torx T20. Use a ratchet wrench.



16 Remove the fender protection cover.



17 Close the hood.



18 Run the engine for a few minutes. This is necessary in order to make sure that the component operates properly.


19 Shut off the engine.



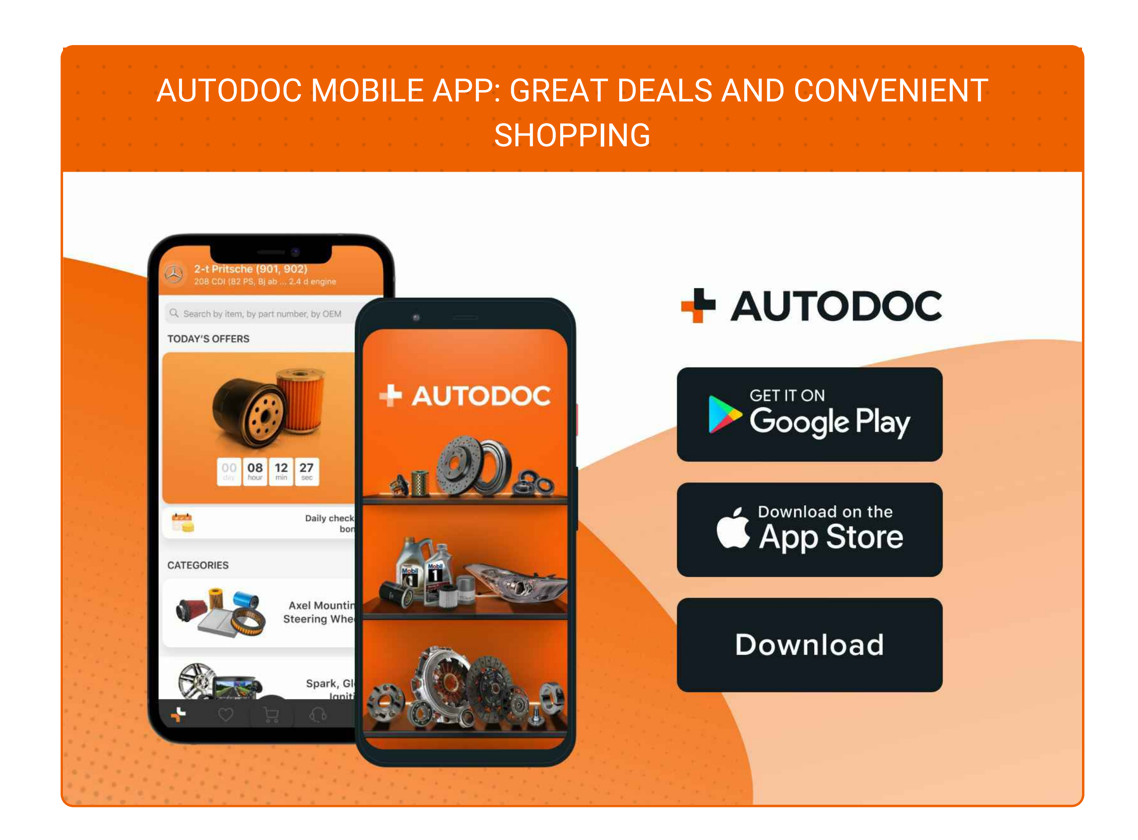
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